



03-01-04

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

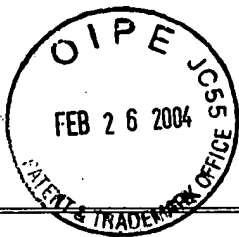
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/618,956
	Filing Date	14 July 2003
	First Named Inventor	Sharat Singh
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	121.01US

<b>ENCLOSURES (check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):  <b>1. Form PTO 1449 w/copies of 49 cited references</b> <b>2. Return Receipt Postcard</b>
<b>Remarks</b>		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Stephen C. Macevicz, Registration No. 30,285	
Signature		
Date	25 February 2004	

<b>CERTIFICATE OF MAILING BY EXPRESS MAIL – CERTIFICATE NO. 313 981 336 US</b>			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Virginia Griffith		
Signature		Date	25 February 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**CERTIFICATION OF MAILING BY "EXPRESS MAIL"**

Express Mail Label No. EV 313 981 336 US  
Date of Deposit: 25 February 2004

*Virginia Griffith*  
Virginia Griffith

I hereby certify that this paper or fee and accompanying documents referred to below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Case No. 121.01US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Singh et al.

Serial No: 10/618,956

Filed: 14 July 2003

For: Lipophilic Electrophoretic Probes

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

Confirmation No.: 4092

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the accompanying PTO-1449 form(s) were cited in an International Search Report for the co-pending international patent application. A copy of the International Search Report is enclosed. The references cited may be material to the examination of the above-identified application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application. Copies of the cited references are enclosed or have been previously submitted in prior application(s) to the above application.

This Information Disclosure Statement under 37 CFR 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

**SUBMISSION INFORMATION**

- ☐ This Information Disclosure Statement is being submitted within three (3) months of filing or before mailing of a first Office Action, whichever occurs last. (37 CFR 1.97(b))

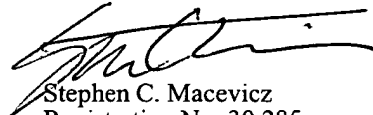
**PAYMENT OF FEES (IF ANY DUE)**

■ **FEE AUTHORIZATION.** The Commissioner is hereby authorized to withdraw from Deposit Account

**50-2266**

any submission fees or petition fees required for this Information Disclosure Statement.

Respectfully submitted,



Stephen C. Macevicz  
Registration No. 30,285

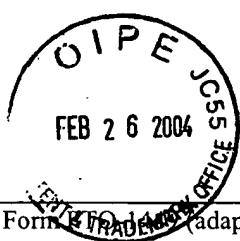
Enclosures: 1449 form(s)  
Copies of \_49 Cited References



Form PTO-2419 (adams) <b>REFERENCES CITED BY APPLICANT</b> Page 1 of 3	Docket No. <b>Aclara ref. 121.01US</b>	Serial No. <b>10/618,956</b>
	Applicant <b>Singh et al</b>	
	Filing Date <b>14 July 2003</b>	Group <b>Not Yet Assigned</b>

**U.S. PATENT DOCUMENTS**

Examiner's Initial		Document Number	First Inventor	Class /Subclass	Issue/Publ. Date (mm/dd/yyyy)
	<b>P1</b>	2002/0006378	Young	424/1 11	January 17, 2002
	<b>P2</b>	4,331,590	Bocuslaski	260/112/B	May 25, 1982
	<b>P3</b>	4,650,750	Giese	435/7	March 17, 1987
	<b>P4</b>	4,780,421	Kameda	437/518	October 25, 1988
	<b>P5</b>	5,340,716	Ullman	435/6	August 23, 1994
	<b>P6</b>	5,360,819	Giese	514/538	November 1, 1994
	<b>P7</b>	5,516,636	McCapra	435/6	May 14, 1996
	<b>P8</b>	5,516,931	Giese	560/59	May 14, 1996
	<b>P9</b>	5,532,171	Motsenbocker	436/533	July 2, 1996
	<b>P10</b>	5,602,273	Giese	560/60	Februarh 11, 1997
	<b>P11</b>	5,604,104	Giese	435/7.1	February 18, 1997
	<b>P12</b>	5,610,020	Giese	435/7.1	March 11, 1997
	<b>P13</b>	5,622,929	Willner	514/8	April 22, 1997
	<b>P14</b>	5,650,270	Giese	435/6	July 22, 1997
	<b>P15</b>	5,705,622	McCapra ,	536/23.1	January 6, 1998
	<b>P16</b>	5,800,999	Bronstien	435/6	September 1, 1998
	<b>P17</b>	5,807,675	Davalian	435/6	September 15, 1998
	<b>P18</b>	5,843,666	Akhavan-Taft	435/6	December 1, 1998
	<b>P19</b>	5,898,005	Singh	436/527	April 27, 1999
	<b>P20</b>	6,027,890	Ness	435/6	February 22, 2000
	<b>P21</b>	6,251,581	Ullman	435/4	June 26, 2001



Form PTO-1449 (adapted)	Docket No.	Serial No.
	<b>Aclara ref. 121.01US</b>	<b>10/618,956</b>
	Applicant <b>Singh et al</b>	
<b>REFERENCES CITED BY APPLICANT</b>	Filing Date	Group
	<b>14 July 2003</b>	<b>Not Yet Assigned</b>

	<b>P22</b>	6,375,930	Young	424/9.362	April 23, 2002
	<b>P23</b>	4,444,879	Foster	435/7	April 24, 1984
	<b>P24</b>	5,763,263	Dehlinger	435/287	June 9, 1998
	<b>P25</b>	6,235,520	Malin	435/287	May 22, 2001
	<b>P26</b>	5,208,148	Haugland	435/14	May 4, 1993
	<b>P27</b>	6,194,213	Barbera-Guillem	435/968	February 27, 2001

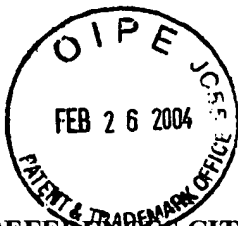
#### FOREIGN PATENT DOCUMENTS

Examiner's Initial		Country	Document Number	Applicant	Date (mm-dd-yyyy)
	F1	WIPO	WO 95/27204	British Technology Group, LTD	Oct. 12, 1995

#### OTHER REFERENCES

Examiner's Initial		Citation
	<b>D1</b>	Boose et al, "Principles of AlphaScreen Amplified Luminescent Proximity Homogeneous Assay", AlphaScreen Technology, Application Note ASC-001, Packard Bioscience, BioSignal Package Inc.
	<b>D2</b>	Giese, "Electrophoretic Release Tags: Ultra sensitive Molecular Labels Providing Multiplicity", Trends in Analytical Chemistry, Vol. 2, No. 7, 1983, pages. 166-168
	<b>D3</b>	Lum et al, "Ability of Specific Monoclonal Antibodies and Conventional Antisera Conjugated to Hematoporphyrin to Label and Kill Selected Cell Lines Subsequent to Light Activation", Cancer Research Vol. 45, 1985, pgs 4380-4386
	<b>D4</b>	Oseroff et al, "Antibody-Targeted Photolysis: Selective Photodestruction of Human T-Cell Leukemia Cells using Monoclonal Antibody-Chlorin E <sub>6</sub> Conjugates", Proc. Natl. Acad. Sci USA, Vol. 83, 1986, pgs. 8744-8748.
	<b>D5</b>	Rakestraw et al., "Antibody-Targeted Photolysis: In vitro Studies with SN(IV) Chlorin E <sub>6</sub> Covalently Bound to Monoclonal Antibodies Using a Modified Dextran Carrier" Proc. Natl Acad Sci USA,, Vol 87, 1990, pgs. 4217-4221
	<b>D7</b>	Strong et al., "Antibody-Targeted Photolysis" Annals New York Academy of Sciences, Vol. 745, 1994, pgs, 297-320
	<b>D8</b>	Ulman, Edwin F. et al., Luminescent oxygen channeling immunoassay: Measurement of particle binding kinetics by chemiluminescence" Proc. Atl. Acad. Sci. USA, Vol. 91, June 1994, pgs 5426-5430
	<b>D9</b>	Yarmush et al., "Antibody Targeted Photolysis", Critical Reviews in Therapeutic Drug Carrier Systems, Vol. 10, 1993, pgs. 197-252
	<b>D10</b>	Yermul et al, "Selective Killing of lymphocytes by Phototoxic Liposomes", Proc. Natl. Acad. Sci. USA, Vol. 84, 1987, pgs. 246-250
	<b>D11</b>	Beaudet et al, "Homogeneous Assays for Single-Nucleotide Polymorphism Typing Using AlphaScreen", Genome research, II:600-608, 2001
	<b>D12</b>	BioSignal, "Whole Cell Camp Functional Assay", AlphScreen, Technical Note AN002-Asc, Packard Instrument Company

Form PTO-1449 (adapted)	Docket No.	Serial No.
	<b>Aclara ref. 121.01US</b>	<b>10/618,956</b>

**REFERENCES CITED BY APPLICANT**

Page 3 of 3

Applicant

**Singh et al**

Filing Date

**14 July 2003**

Group

**Not Yet Assigned**

	<b>D13</b>	Baldwin et al., Synthesis of a Small Molecule Combinatorial Library Encoded with Molecular Tags. Journal of American Chemical Society, (1995) Vol. 117, pages 5588-5589.
	<b>D14</b>	Database CAPLUS on ACS, AN: (1997), Vol. 42, No. 20-22, pages 3137-3145
	<b>D15</b>	Geysen et al., Isotope or Mass Encoding of Combinatorial Libraries. Chemistry & Biology, (August 1996), Vol. 3, No. 8, pages 679-688.
	<b>D16</b>	Taga et al, Capillary Electrophoretic Determination of the Association Constant of a Protein and a Neutral Carbohydrate by Introducing Mercaptoanesulfonate Tags to the Carbohydrate, Journal of Chromatography A, (April 16, 1999), Vol. 839, No. 1-2, pages 157-166.
	<b>D17</b>	Bayer et al., "On the Mode of Liposome-Cell Interactions Biotin-Conjugated Lipids as Ultrastructural Probes" Biochimica et Biophysica Acta, 550 (1979), pages 464-473 © Elsevier/North-Holland Biomedical Press
	<b>D18</b>	Barinaga-Rementeria Ramirez et al., "Affinity Partitioning for Membrane Purification Exploiting the Biotin-NeutrAvidin Interaction: Model Study of Mixed Liposomes and Membranes", Journal of Chromatography A, 971 (2002) 117-127
	<b>D19</b>	Plant et al., "Generic Liposome Reagent for Immunoassays", Analytical Biochemistry 176, pages 420-426 (1989)
	<b>D20</b>	Davenport "Fluorescence Probes for Studying membrane heterogeneity" Methods in Enzymology, Vol 278 (1997) pages 487-512.
	<b>D21</b>	Edidin "Fluorescent Labeling of Cell Surfaces" Methods in Cell Biology, Vol. 29 (1989) pages 87-101.

EXAMINER

Date considered

\*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609; Draw line through citation if not in conformance and/or not considered. Include copy of this form with next communication to applicant.